

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	2	("5687462").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/01 15:55
S2	361	280/771.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/01 15:55
S3	18	S2 and vibrat\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/01 16:02
S4	330	280/779.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/01 16:02
S5	75	S4 and vibrat\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/01 16:50
S6	14	"steering column" and piezoceramic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/01 18:13
S7	10	("3165942"   "3940945"   "4366768"   "4398173"   "5251135"   "5347458"   "5415633"   "6532833"   "6692026"). PN. OR ("7103518").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/01 16:55
S8	4	((("20040130081") or ("5440193")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/01 18:12
S9	0	("2004/0130081").URPN.	USPAT	OR	ON	2007/03/01 18:13
S10	232	"steering column" and piezoelectric	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/02 10:07

## EAST Search History

S11	361	280/771.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/02 10:08
S12	18	S11 and vibrat\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/02 10:08
S13	330	280/779.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/02 10:08
S14	75	S13 and vibrat\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/02 10:08
S15	14	"steering column" and piezoceramic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/02 10:08
S16	225	S10 not (S12 S14 S15)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/02 10:09
S17	130	S16 and vibrat\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/02 10:58
S18	6	("20020023517"   "20030196737"   "20030233905"   "5868041"   "6494114"   "6499377").PN. OR ("6976403").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/02 11:07
S19	562	310/338.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/02 11:07
S20	1	S19 and "steering column"	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/02 11:07
S21	6	S19 and steer\$3	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/02 11:08

## EAST Search History

S22	937	74/492.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/02 11:08
S23	1337	74/492.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/02 11:08
S24	854	S23 and "steering column"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/02 11:08
S25	0	S24 and (piezoelectric piezoceramic)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/02 11:08
S26	0	S24 and (piezoelectric piezoceramic piezo)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/02 11:09
S27	6	S24 and transducer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/02 11:09
S28	18	("3538783").URPN.	USPAT	OR	ON	2007/03/02 11:09